

ABSTRACT

One embodiment of a low-profile transducer includes a at least one fin perpendicularly mounted on a planar diaphragm, with a voice coil mounted onto the fin. The voice coil may reside in a strong uniform magnetic field. The locations at which the 5 diaphragm is connected to a frame may be coplanar with a center of mass of the diaphragm. The three-dimensional structure of diaphragm and fins may be formed using origami techniques.